



G:\LANL Engineering Standards\Eng. Manual [LEI]\2. Approved\ST-G3060-2054.dwg, 09/03/02 @ 13:12 030609

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G	<p>NOTES FOR DESIGNER: (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)</p> <p>1. WHEN EDITING DETAIL TO SUIT PROJECT, ADD JOB SPECIFIC REQUIREMENTS AND DELETE ONLY THOSE PORTIONS THAT DO NOT APPLY. TO SEEK A VARIANCE FROM APPLICABLE REQUIRMENTS, CONTACT THE LEM CIVIL POC.</p> <p>2. REFER TO THE FOLLOWING LANL STANDARDS FOR ADDITIONAL REQUIREMENTS: A. ENGINEERING MANUAL, CIVIL CHAPTER. B. CIVIL DRAWING ST-G3060-1, PIPE BOLLARD DETAIL. C. SPEC 02551, NATUAL GAS DISTRIBUTION (SITE). D. SPEC 15195, NATURAL GAS PIPING SYSTEMS (BUILDING).</p> <p>3. PROVIDE PIPE BOLLARDS IF VEHICLES ARE LIKELY TO COME IN CONTACT WITH REGULATOR STATION.</p> <p>4. CONTACT LANL UTILITIES GROUP GAS SYSTEM REPRESENTATIVE (665-2612) FOR SPECIAL DESIGNS, AND WHEN EXCEPTION TO THESE STANDARDS ARE NECESSARY i.e. LOCATION OF REGULATOR, FLOW CAPACITIES, ETC.</p> <p>5. INSTALL AGA APPROVED APPLIANCE REGULATORS AT EACH APPLIANCE ON 1 PSIG OR 2 PSIG GAS PIPING SYSTEMS. SEPARATE VENTS TO THE OUTSIDE ARE NOT REQUIRED PROVIDING APPLIANCE REGULATORS HAVE MAXIMUM DISCHARGE RATE THROUGH VENT OF 1.0 CFH AT 2 PSIG. INSTALL REGULATORS IN NONHAZARDOUS WELL-VENTED INTERIOR LOCATION, READILY ACCESSIBLE FOR SERVICING.</p> <p>6. SIZE SUPPLY PIPING TO BUILDING IN ACCORDANCE WITH THE UNIFORM PLUMBLING OR UNIFORM MECHANICAL CODES (IAPMO).</p> <p>7. INSTALL SNOW PROTECTION ABOVE REGULATOR STATION IF STATION IS LOCATED ON SLOPE END OF ROOF.</p> <p>8. DESIGN DRAWINGS AND SUBMITTALS OF SITE NATURAL GAS PIPING SYSTEM SHALL BE REVIEWED AND APPROVED BY LANL UTILITIES GROUP GAS SYSTEM REPRESENTATIVE.</p>							
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DRAWING DEVELOPED FOR ML-3 PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE).

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NO	DATE	CLASS REV	DESCRIPTION	OWN	VER	CHKD	SUB	APP
<div><div></div><div>FACILITY &amp; WASTE OPERATIONS SYSTEMS ENGINEERING &amp; MAINTENANCE</div></div>								
LANL ENGINEERING MANUAL				DRAWN	R.PEARSON			
GAS REGULATOR STATION DETAIL DESIGN NOTES				DESIGN	J.GONZALES			
				CHECKED	M.SMITHDUR			
BLDG. X				TA-X	DATE 0-28-99			
SUBMITTED				APPROVED FOR RELEASE				
DISCIPLINE POC: E. HOTH				STANDARDS MANAGER: TOBIN GRUCH				
<div><div></div><div>PO Box 1663 Los Alamos, New Mexico 87646</div></div>				SHEET		5		
CLASSIFICATION U				REVIEWER LARRY BAYS	DATE		5 OF 5	
PROJECT ID				DRAWING NO		REV		
CHAPTER 3				ST-G3060-2		1		